

WHAT IS CLAIMED IS:

1. A conveyor cleaner comprising:  
an adhesive layer formed by a viscous body; and  
a cleaning roller whose circumferential surface is  
5 covered with the adhesive layer, wherein the cleaning  
roller is rotatable with the adhesive layer being in  
contact with a conveyor face of a conveyor for conveying  
a medium.
2. The conveyor cleaner according to claim 1,  
10 further comprising an insertion member for being inserted  
into the adhesive layer,  
wherein the cleaning roller is rotatable with the  
insertion member being inserted into the adhesive layer.
3. The conveyor cleaner according to claim 2,  
15 wherein an inserted portion of the insertion member into  
the adhesive layer has a jag
4. The conveyor cleaner according to claim 2,  
wherein surface treatment for reducing adhesion to the  
adhesive layer has been applied to an inserted portion of  
20 the insertion member into the adhesive layer.
5. The conveyor cleaner according to claim 2,  
wherein the insertion member can be inserted into the  
adhesive layer at an acute angle to a tangent to a  
circumferential surface of the adhesive layer.

6. The conveyor cleaner according to claim 2,  
wherein the insertion member has a plurality of parts  
arranged along an axis of the cleaning roller at least at  
an inserted portion of the insertion member into the  
5 adhesive layer.

7. The conveyor cleaner according to claim 2,  
wherein the insertion member is made of an elastic  
material.

8. The conveyor cleaner according to claim 2,  
10 wherein the insertion member can be either inserted into  
or separated from the adhesive layer.

9. The conveyor cleaner according to claim 8,  
wherein the insertion member is inserted into the  
adhesive layer when the adhesive layer is in contact with  
15 the conveyor face of the conveyor, and separated from the  
adhesive layer when the adhesive layer is separated from  
the conveyor face of the conveyor.

10. The conveyor cleaner according to claim 1,  
wherein the adhesive layer can be either in contact with  
20 or separated from the conveyor face of the conveyor.

11. The conveyor cleaner according to claim 10,  
wherein the adhesive layer is either in contact with or  
separated from the conveyor face of the conveyor in  
accordance with movement of the conveyor.

12. The conveyor cleaner according to claim 10,  
further comprising:

a swinging member supporting the cleaning roller  
and swingable in accordance with contact or separation  
5 between the adhesive layer and the conveyor face of the  
conveyor; and

a biasing member for biasing the swinging member so  
that the adhesive layer is pressed onto the conveyor face  
of the conveyor.

10 13. The conveyor cleaner according to claim 12,  
wherein the insertion member is either inserted into or  
separated from the adhesive layer in accordance with  
swing of the swinging member.

14. The conveyor cleaner according to claim 1,  
15 wherein the cleaning roller comprises a shaft as a center  
of rotation and a base body covering a circumferential  
surface of the shaft, and the adhesive layer is provided  
on a circumferential surface of the base body.

15. The conveyor cleaner according to claim 14,  
20 wherein the base body is made of one of a foaming  
material and a nonwoven fabric.

16. The conveyor cleaner according to claim 14,  
wherein the base body is made of an elastic material.

17. The conveyor cleaner according to claim 14,

wherein the base body entirely covers the circumferential surface of the shaft.

18. The conveyor cleaner according to claim 14,  
wherein the base body partially covers the  
5 circumferential surface of the shaft and a gap where the  
circumferential surface of the shaft is not covered with  
the base body is filled up with the adhesive layer.

19. The conveyor cleaner according to claim 1,  
wherein the cleaning roller is driven by driving of the  
10 conveyor.

20. The conveyor cleaner according to claim 1,  
wherein the circumferential surface of the cleaning  
roller has a plurality of projected portions in a region  
covered with the adhesive layer.

15 21. The conveyor cleaner according to claim 1,  
wherein the conveyor is a belt stretched between and  
wrapped around conveyor rollers, and the cleaning roller  
can be rotated with the adhesive layer being in contact  
with a wrapped portion of the conveyor face of the belt  
20 on one of the conveyor rollers.

22. The conveyor cleaner according to claim 1,  
wherein one of the conveyor face of the conveyor and the  
adhesive layer is made of a silicon-base material and the  
other is made of a non-silicon-base material.

23. A conveyor cleaner comprising:

a cleaning roller;

an adhesive layer formed by a viscous body and  
covering a circumferential surface of the cleaning

5 roller; and

a mechanism for moving at least one of a conveyor  
and the cleaning roller so that the adhesive layer can be  
selectively at a position where the adhesive layer is in  
contact with a conveyor face of a conveyor for conveying  
10 a medium and a position where the adhesive layer is  
separated from the conveyor face of the conveyor.

24. A conveyor cleaner comprising:

an adhesive layer formed by a viscous body;

a cleaning roller whose circumferential surface is  
15 covered with the adhesive layer, the cleaning roller  
being rotatable with the adhesive layer being in contact  
with a conveyor face of a conveyor for conveying a  
medium; and

a thin plate for being inserted into the adhesive  
20 layer,

wherein the cleaning roller is rotatable with the  
thin plate being inserted into the adhesive layer.

25. An ink-jet printing apparatus comprising:

the conveyor cleaner according to claim 1;

a conveyor for conveying a medium; and  
an ink-jet head for ejecting ink onto the medium  
being conveyed by the conveyor.

26. The ink-jet printing apparatus according to  
5 claim 25, wherein the apparatus further comprises a cap  
for covering the ink-jet head, and the adhesive layer is  
separated from the conveyor face of the conveyor when the  
ink ejection face of the ink-jet head is covered with the  
cap.

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